

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

patent application of  
Lucidarme et al.

U.S. Patent Application No. 09/869,187

International Filing

Date: December 20, 1999

Title: CELLULAR RADIO COMMUNICATION )  
METHOD, CONTROL EQUIPMENT AND )  
MOBILE STATIONS USING SAID )  
METHOD )  
)

RECEIVED  
DEC 13 2001  
Technology Center 2600

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. 1.97-1.98 the Applicants hereby submit:

(a) the attached list of prior art, which in the reasonable opinion of Applicants may be material to patentability of the claimed invention, within the meaning of 37 C.F.R. 1.56 and/or which has been cited in the French or International Search Report prepared by the European Patent Office in a counterpart foreign application;

(b) copies of the Search Reports, which are attached for the U.S. Examiner to know the first opinion of the European Examiner and the portions of the references found pertinent by the Examiner; and

(c) a copy of the references cited under (a).

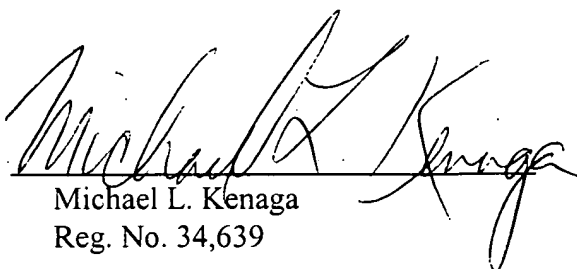
Applicants: Lucidarme et al.  
Serial No.: 09/869,187

The Information Disclosure Statement is being filed before the mailing date of a first Office Action. Applicant believes no fee is due at this time.

If any fees are owed in connection with this communication, please charge Deposit Account No. 18-2284. (A duplicate copy of this communication is enclosed for that purpose.)

Consideration and citation of the references are respectfully solicited.

Respectfully submitted,

By:   
Michael L. Kenaga  
Reg. No. 34,639

Date October 26, 2001

**PIPER MARBURY RUDNICK & WOLFE**  
P.O. Box 64807  
Chicago, Illinois 60664-0807  
(312) 368-4000

Form PTO- 1449  U.S. Department of Commerce Patent and Trademark Office	Att. Docket Number :  P-6230	Serial number :  09/869,187
Information Disclosure Statement by Applicant		
Applicant : LUCIDARME et al.		
Filing date : 6/21/01		Group :

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	PATENTEE/APPLICANT	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,577,047	11/19/96	PERSSON et al.			
	5,640,414	06/17/97	BLAKENAY et al.			

RECEIVED

DEC 13 2001

Technology Center 2600

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLIC. DATE	COUNTRY/AGENCY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 97 40593	10/30/97	WIPO				
	WO 95 08897	03/30/95	WIPO				
	WO 98 56200	12/10/98	WIPO				

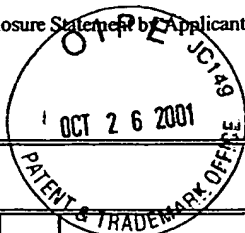
## Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	BLANC, et al., "L'UMTS : LA GENERATION DES MOBILES MULTIMEDIA », L'ECHO DES RECHERCHES, N° 170, Pages 53-68, 4 <sup>e</sup> quarter 1997/1st quarter 1998
	« THE ETSI UMTS TERRESTRIAL RADIO ACCESS (UTRA) ITU-R RTT CANDIDATE SUBMISSION », ETSI, Tech. Rep., 1998, Pages 1-135
	NIKULA, et al., « FRAMES MULTIPLE ACCESS FOR UMTS AND IMT-2000 », IEEE PERSONAL COMMUNICATIONS, April 1998, Pages 16-24
	LEE, et al., « EFFECT OF SOFT AND SOFTER HANDOFFS ON CDMA SYSTEM CAPACITY », IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, Vol. 47, No. 3, Pages 830-841, August 1998

Examiner	Date Considered
----------	-----------------

EXAMINER : Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO- 1449  U.S. Department of Commerce Patent and Trademark Office  Information Disclosure Statement by Applicant	Att. Docket Number :	Serial number :
	Applicant : LUCIDARME et al.	
	Filing date :	Group :

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	PATENTEE/APPLICANT	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

RECEIVED

DEC 13 2001

Technology Center 2600

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	PUBLIC. DATE	COUNTRY/AGENCY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

**Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)**

		"UTRA PHYSICAL LAYER DESCRIPTION FDD PARTS», SMG2 UMTS PHYSICAL LAYER EXPERT GROUP, v0. 3, Pages : 24,34,44,54,64,74,84,94,104,114,124,134,144, 154,164,174,184,194,204,214,224,234,244,254,264,274,284,294,304,314,324,334,344,354, 364, 374, 384, 394,404, May 29, 1998
		BAIER et al., «DESIGN STUDY FOR A CDMA-BASED THIRD-GENERATION MOBILE RADIO SYSTEM», IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS, Vol. 12, No.4, Pages 733-743, May 1994

Examiner	Date Considered
EXAMINER : Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Lucidarme et al.

Docket No.

P-6230

Serial No.

09/869,187

Filing Date

December 20, 1999

Examiner

Unassigned

Group Art Unit

2681

Invention: **CELLULAR RADIO COMMUNICATION METHOD, CONTROL EQUIPMENT AND MOBILE STATIONS USING SAID METHOD**

**RECEIVED**

DEC 13 2001

Technology Center 2600

I hereby certify that this **INFORMATION DISCLOSURE STATEMENT***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under

37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

Oct. 26, 2001  
*(Date)***Stephanie Warner-Wallace***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EL843428473US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**